We claim:

1. A method of metered delivery of an insecticidal liquid in which small droplets of the liquid at an ambient temperature are ejected from a bubble-jet type liquid emanator device.

2. The method of Claim 1, in which the bubble-jet liquid emanator device comprises a reservoir for containing insecticidal liquid, means for communicating the liquid from the reservoir into a capillary tube portion, and resistive heating element means for vaporizing a portion of the fluid within the capillary tube portion, thereby producing droplets of insecticidal liquid.

3. The method of Claim 1 further comprising the step of vaporizing the insecticidal liquid at a temperature at least 30°C below the decomposition temperature of the insecticide therein.

4. The method of Claim 1 in which a suitable gas is dissolved in the insecticidal liquid.

5. The method of Claim 1 comprising a subsequent step of imparting the droplets of insecticidal liquid with a static charge.

6. The method of Claim 5 wherein the static charge is about -1×10^{4} C/kg.

7. The method of Claim 1 in which the small droplets attain a volume medium diameter of about 1 μm to about 7 μm.

8. A method of controlling insects comprising delivery of droplets of an insecticidal liquid at an ambient temperature from a bubble-jet type liquid emanator device into the atmosphere.

9. The method of Claim 8 in which the dispersion of droplets of the insecticidal liquid is produced by controllably vaporizing a volume of the insecticidal liquid contained within a bubble-jet capillary tube portion of the emanator device.

10. The method of Claim 9 in which the step of controllably vaporizing the volume of insecticidal liquid comprises activating an electronic circuit containing a resistive heating element coupled to the capillary tube portion to cause an essentially instantaneous, temporary increase in temperature of the capillary tube portion.

11. A system for dispersion of droplets of an insecticidal liquid into the atmosphere comprising a bubble-jet liquid emanator device which produces droplets of insecticidal liquid at an ambient temperature.

12. The system of Claim 11 in which the bubble-jet liquid emanator device comprises means for vaporizing a volume of the insecticidal liquid within one or more capillary tube portions.

13. The system of Claim 13 in which the vaporizing means comprises a resistive heating element.

14. The system of Claim 13 further comprising electronic control means for controlling the resistive heating element.

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15. The system of Claim 14 in which the control means comprises an electrical switch means.

16. The system of Claim 14 in which the control means comprises an timing circuit means.

17. The system of Claim 11 further comprising reservoir means for containing a volume of the insecticidal liquid.

18. An insecticidal liquid emanator device for controlling insects in an atmosphere, the liquid emanator device comprising:

a reservoir for containing insecticidal fluid; and

bubble-jet means for producing a plurality of droplets of the insecticidal liquid at an ambient temperature.

19. The liquid emanator device of Claim 18, in which the bubble-jet means comprises a plurality of bubble-jet capillary tubes.

20. The liquid emanator device of Claim 18, in which the bubble-jet means comprises a plurality of resistive heating elements coupled to the plurality of bubble-jet capillary tubes.

21. The liquid emanator device of Claim 18 further comprising means for imparting a static electrical charge to the plurality of droplets of insecticidal liquid.